seeed studio

INDUSTRIAL PRODUCT DATASHEET

IMX219-200 8MP Camera with 200° FOV - Compatible with NVIDIA Jetson Nano/ Xavier NX

8MP camera with Sony IMX219 sensor and high field-of-view.

SKU	UPDATED	PRICE
114992265	2026-06-10 12:21:30	$26.90(Excl. VAT)



Overview



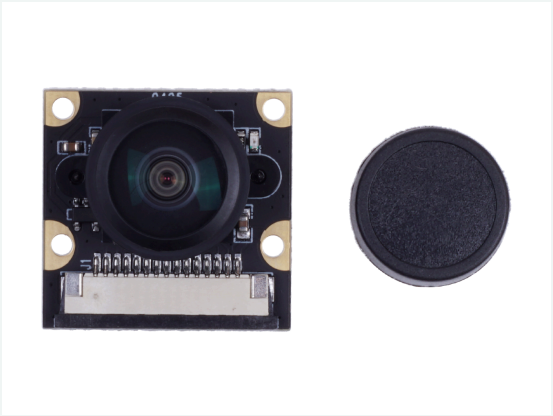
This high-quality camera features an 8 megapixel Sony IMX219 image sensor with a resolution of 3280 × 2464. It offers a high field-of-view to capture more area.

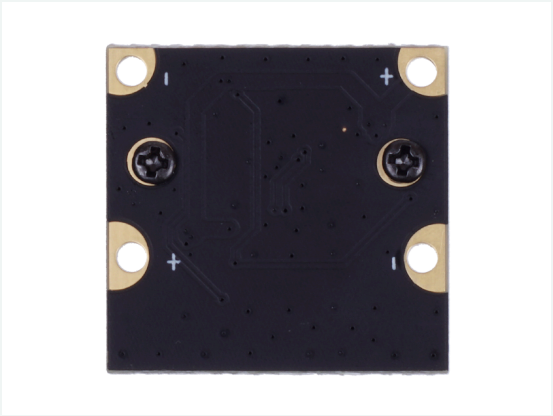
Key Features

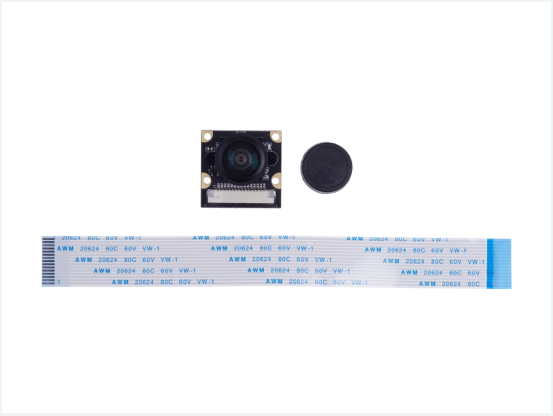
Features

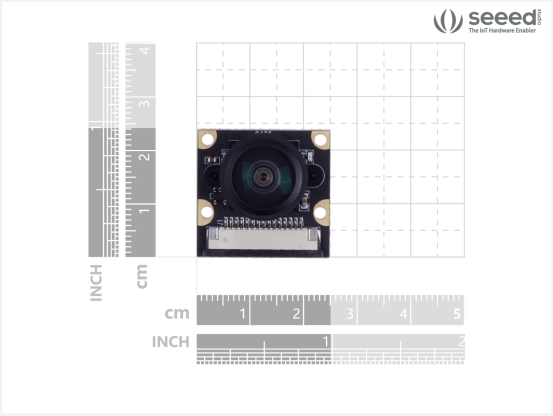
- High-quality camera with an 8 megapixel Sony IMX219 image sensor
- Capable of viewing images at a high resolution of 3280 × 2464
- High FOV (field-of-view) to capture more area

Product Gallery









Specification

Specification	Description
Megapixels	8 Megapixels
Photosensitive chip	Sony IMX219
Assembly Technique	SMT (ROSH)
Resolution	3280 × 2464
Pixel Size	1.12μm x1.12μm
CMOS size	1/4 inch
Aperture (F)	2.0
Focus	fixed
Focal Length	0.87mm
Lens Construction	1G4P+IR
Diagonal field of view (FOV)	200 degrees
Distortion	<18.6%
EFL	0.9mm
BFL (Optical)	1.41mm

Specification	Description
Maximum Image Transfer Rate	30 fps for QSXGA
Output formats	8/10bit RGB RAW output
S/N Ratio	39db
Dynamic Range	69db
Sensitivity	600mV/Lux-sec
Relative Illumination (Sensor)	70%
IR Filter	650±10nm
Object Distance	30CM-∞
Interface	15p-1.0 mipi
Power supply	3.3V (pin15)
Operating Temperature	-20°C to 70°C
Temperature (Stable Image)	0°C to 50°C
Lens size	6.5mm × 6.5mm
Module Size	25mm × 24mm ×14±0.5mm

Part List

- 1 x IMX219-200 8MP Camera with 200° FOV - Compatible with NVIDIA Jetson Nano/ Xavier NX
- 1 x 150mm FPC Cable

Compliance & Logistics

HSCODE	8525801390
USHSCODE	8525895050
UPC	
EUHSCODE	8517600000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/IMX219-200-Camera-200-FOV-Applicable-for-Jetson-Nano-p-4609.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com